

The logo for HERZAN, featuring the company name in a bold, italicized, sans-serif font, enclosed within a white rectangular border.

[www.herzan.com](http://www.herzan.com)

**Acoustic, Vibration, and  
EMI Isolation Specialists**

# The MicroDamp Series

## Overview

The MicroDamp Series vibration isolators are an affordable and effective solution, optimized to any instrument's weight and dimension profile. Utilizing a polished aluminum housing and highly damped composite material, the MicroDamp Series provides a cost-effective solution for instruments experiencing broad frequency vibration noise within their lab environment.



## Product Highlights

- Affordable and efficient vibration isolation
- Minimal amplitude within resonant frequency
- Compact, modular form factor
- Wide range of supported instrument weights
- Easy to integrate into existing instrument setups
- No air or electricity required

## Applications

- Optical Microscopy
- Interferometry
- Profilometry
- Microbalance Systems
- Precision Inspection Stations
- And More!

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## Selection Guide

The MicroDamp series often utilizes three to four isolators within a vibration isolation platform, depending on the supported instrument's dimension profile and overall weight distribution. When paired with a damped top plate (i.e. granite, aluminum, breadboard, etc.), the MicroDamp Series becomes a complete solution for instruments requiring a stable and reliable vibration isolation platform.

To determine the correct isolator configuration for your instrument, review the MicroDamp models below and locate the model able to sufficiently support the weight of your instrument.



*MicroDamp Platform with Four MicroDamp Isolators and Damped Aluminum Top Plate*

MODEL	MINIMUM LOAD		MAXIMUM LOAD		ISOLATOR DIAMETER		ISOLATOR PRICE	3 ISOLATOR PLATFORM	4 ISOLATOR PLATFORM
All Values Per Isolator								Pricing does not include top plate	
Model #	Lbs	Kgs	Lbs	Kgs	Inches	MM	\$USD	\$USD	
MD-16	11	5	16	7.3	4	102	\$150	\$400	\$500
MD-24	17	7.3	24	10.9					
MD-35	25	11.3	35	15.9					
MD-60	45	20.4	60	27.3					
MD-80	60	27.3	80	36.4					

## Helpful Tip

To correctly select the relevant model for your instrument, multiply the minimum/maximum load capacities by three to determine the total minimum/maximum load capacities. Your instrument must fall within this range to receive optimal vibration isolation performance. If your instrument's weight does not fall within this range, multiply the minimum/maximum load capacities by a larger number (>3) until your instrument falls within range.



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